

IN THE ABSTRACT:

Please delete the Abstract at page 11 in its entirety and substitute the following new Abstract:

--ABSTRACT

2 The present invention relates to a modular interconnection architecture for an expandable  
3 multiprocessor machine. It comprises a first interconnection level (MI) comprising connection  
4 agents (NCSi) that connect the multiprocessor modules and handle the transactions between the  
5 multiprocessor modules, and a second interconnection level (SI) comprising external connection  
6 nodes (NCEj) that connect the nodes (Nj) to one another and handle the transactions between the  
7 nodes (Nj). Each external connection node (NCEj) comprises two connection agents identical to  
8 the connection agent (NCSi), connected head-to-tail, one of the two agents (NCS'j) receives and  
9 filters the transactions sent by the node (Nj) to which it is connected. The other agent (NCS"j)  
10 receives and filters the transactions sent by the other nodes (Nj) to which it is connected. Its  
11 applications specifically include the construction of an entire range of machines: UMA, QUASI-  
12 UMA, NUMA, cluster, etc.--